

[0055] FIG. 39 is a front elevational view corresponding to FIG. 38, but showing the two display screens one above the other;

[0056] FIG. 40 shows an illustration of a further embodiment of invention with a computer having two display screens joined along the side by a hinge;

[0057] FIG. 41 shows the computer of FIG. 40 with the two display screens swung out side by side;

[0058] FIG. 42 shows the same computer with the two screens swung back to back, so as to display in opposite directions;

[0059] FIG. 43 is a perspective view of a laptop computer system incorporating a center LCD panel and a pair of half-width LCD panels on each side thereof, wherein the half-width panels may be folded over the center LCD panel and the entire display portion then folded down onto the keyboard portion of the laptop to form a compact assembly;

[0060] FIG. 44 is a side elevational view of a display system of the present invention incorporating a telescoping and pivoting upper support arm for positioning an upper LCD panel adjustably at a desired height above a lower LCD panel or in an orientation facing away from the lower LCD panel;

[0061] FIG. 45 is a side elevational view of the display system of FIG. 44 showing the upper support arm in an extended position;

[0062] FIG. 46 is a side elevational view of the display system with the upper LCD panel adjusted at an angle relative to the lower LCD panel;

[0063] FIG. 47 is a side elevational view of the display system with the upper LCD panel folded over backward relative to the lower LCD panel;

[0064] FIG. 48 is a perspective view of the display system in use at an airline ticket counter;

[0065] FIG. 49 is a perspective view of the display system in a folded orientation for easy handling;

[0066] FIG. 50 is a perspective view of an alternative preferred embodiment of a display system of the present invention incorporating a rotating support member to enable a LCD panel to be rotated about a vertical axis;

[0067] FIG. 51 is a perspective view illustrating an upper LCD panel mounted for swiveling movement relative to a lower LCD panel using the system shown in FIG. 50;

[0068] FIG. 52 is a perspective view of the display system shown in FIG. 51 showing the two LCD panels facing in opposite directions;

[0069] FIG. 53 is an exploded perspective view of a modular, multi-panel LCD display system in accordance with another alternative preferred embodiment of the present invention;

[0070] FIG. 54 is a perspective view of the display system shown in FIG. 53 in assembled form ready to accept four LCD panels;

[0071] FIG. 55 is a front view of the display system of FIG. 54 with four LCD panels attached thereto;

[0072] FIG. 56 is a rear view of the display system of FIG. 55;

[0073] FIG. 57 is a perspective view of the display system of FIG. 55;

[0074] FIG. 58 is an exploded perspective view of the system shown in FIG. 53 but without one of the support arms such that a three LCD panel display system is formed;

[0075] FIG. 59 is an exploded perspective view of the display system shown in FIG. 58 illustrating how a single LCD panel is attached at an uppermost end of one of the support arms;

[0076] FIG. 60 is a front elevational view of three LCD panels supported on the display system shown in FIG. 59;

[0077] FIG. 61 is a front elevational view of three LCD panels being supported such that the single LCD panel is below an upper pair of LCD panels;

[0078] FIG. 62 is a perspective view of a base assembly for supporting three LCD panels in the configuration shown in FIG. 62;

[0079] FIG. 63 is a front elevational view of a four LCD panel system with two of the panels disposed in portrait orientation and two disposed in landscape orientation; and

[0080] FIG. 64 is a front elevational view of a three LCD panel system with two LCD panels disposed in a landscape orientation and one in a portrait orientation.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

[0081] As already explained, the invention in this particular embodiment illustrated, has its application to the use of dual display screens, which can be used to display two different computer images simultaneously. This may have application for example in CAD computer design application. For these and other purposes it is particularly useful if the two screens or displays can be tilted towards one another so that they appear in the form more or less of two pages of an open book. The screens are preferably arranged side by side, in horizontal alignment, but may also be arranged vertically one above the other.

[0082] Referring now to FIGS. 1, 2 and 3, the invention is there illustrated as in the form of a pair of video display screens 10 and 12, each of which may be of known construction, but which may typically be liquid crystal displays (LCDs) for example. They are each provided with video terminal connectors 14 (FIG. 2) by means of which they may be connected to a computer.

[0083] Each of the screens 10 and 12 comprises a central rectangular display portion 16, and a rectangular marginal frame 18.

[0084] The two display screens 10 and 12 are mounted at opposite ends of a mounting arm 20. The mounting arm 20 is itself supported on an upright stand 22 and a base 24. The arm 20 may be connected to the base 22 by a coupling means 26 (FIG. 4) by means of which the arm may be attached during assembly, either horizontally or vertically (FIG. 6) prior to delivery to the customer.

[0085] In some cases the manufacturer may simply make the arm permanently attached in one position, i.e. horizontal or the other i.e. vertical, to reduce expense.